Index of Claims

| Application/Co | ontrol No. |
|----------------|------------|

09/887,299

Examiner

Alpus H. Hsu

Applicant(s)/Patent under Reexamination

LUFT ET AL.

Art Unit

2616

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

(Through numeral)
Cancelled
+ Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |                 |                    | Date             | ,             |  |   | Cla   | im            |          |          | [  | Date            |                 |                | 1             | CI                | aim        |  |          | •         | Dat  | е               |          |          | $\neg$   |
|----------|----------|-----------------|--------------------|------------------|---------------|--|---|---|---------------|----------|----------|--|-----------------|-----------------|----------------|---------------|-------------------|------------|--|----------|-----------|--|-----------------|----------|----------|----------|
|          | =        | 9               |                    | $\Box$           |               | T  |   |   |               | 9        | $\top$   | T  | П               |                 |                |               |                   |            | П  |          | Τ         |  |                 | П        | $\neg$   | $\neg$   |
| Final    | Original | 90/9/           |                    |                  |               | 1  |   | Final   | Original      | 90/      |          |  |                 | 11              |                |               | ख                 | Original   |  |          |           |  |                 | 1        | - 1      |          |
| 這        | Ę.       | 10              |                    |                  |               |  |   | ᇤ   | Ē.            | 13       |          |  |                 |                 | - 1            |               | Final             | rig        |  |          |           |  |                 |          |          |          |
| ,        | 0        | 19              | 11                 |                  |               |  |   |   | 0             | 3        |          |  |                 |                 |                |               |                   | 0          |  | 1        |           |  |                 |          |          |          |
|          | 1        |                 | 11                 | $\dashv$         |               |  | 1 |   | 51            |          |          | <del>                                     </del> | $\vdash$        |                 |                | 1             |                   | 101        |  |          |           | 1  | _               | ΠŤ       | ┪        | $\neg$   |
|          | 2        |                 | 7 1                | 1                |               |  | 1 |   | 52            |          | $\top$   |  | $\Box$          | 11              | j              | 1             |                   | 102        |  |          | $\dagger$ | $\vdash$   |                 | $\Box$   | 一        | _        |
|          | 3        |                 | 11                 | $\dashv \dashv$  | _             | 1 1  | 1 |   | 53            | u        | 十        | $\top$   | Ħ               | 1               | $\neg$         |               |                   | 103        |  | $\neg$   | +         | $\vdash$   | $\vdash$        | $\vdash$ | $\dashv$ | $\dashv$ |
|          | 4        |                 | 11                 |                  |               | 1  |   |   | 54            | u        | $\top$   | +-   |                 | $\top$          |                | 1             |                   | 104        | Н  | $\dashv$ | +         | t  |                 |          | $\dashv$ | $\neg$   |
|          | 5        | u               |                    |                  |               |  |   |   | 55            | 0        | $\top$   | $\top$   |                 | $\dashv$        | $\dashv$       | 1             |                   | 105        |  | $\top$   | +         | ╁╌   | Н               |          | 7        | _        |
|          | 6        | 니               |                    | 1 1              |               |  |   |   | 56            | U        | $\dashv$ | _  |                 | $\dashv \dashv$ | _              |               |                   | 106        | $\vdash$   | $\top$   | +         | $\vdash$   | Н               | 一        | $\dashv$ | -        |
|          | 7        | 0               |                    | $\top$           | $\neg$        |  |   |   | 57            |          |          | 1  | H               | 1 1             |                | 1             |                   | 107        | Ħ  |          | +-        | $\vdash$   | Н               | $\sqcap$ | 十        | $\neg$   |
|          | 8        | 4               |                    |                  | $\neg \vdash$ |  |   |   | 58            |          |          | 1  |                 | 17              | _              |               |                   | 108        |  | $\dashv$ | T         | $\vdash$   | $\vdash$        |          | 寸        | _        |
|          | 9        | H               |                    | 1                | $\neg$        | <del>                                     </del>   |   |   | 59            | V        | _        | 1  | H               | 11              | _              |               |                   | 109        |  |          | +         | $\vdash$   |                 | $\neg$   | $\dashv$ | $\neg$   |
|          | 10       | $\Pi$           |                    |                  | ┰             |  |   |   |               | 0        |          | 1  | T               | $\dashv$        |                | 1             |                   | 110        | $\vdash$   | $\neg$   | _         | t  | Н               | $\Box$   | $\dashv$ | $\neg$   |
|          | 11       | <b>1</b>        | +                  | 11               |               | 1 1  |   |   | 61            | Ü        | _        | <del>  -</del>                                   | $\vdash$        | $\dashv$        | $\dashv$       |               |                   | 111        | $\neg$   |          | 1         | <del> </del>                                     |                 | $\neg$   | 十        |          |
|          | 12       | Ŏl-             | $\top$             | 1                | $\neg$        | <del>                                     </del>   |   |   | 62            | U        | +        | 1  | +               | +               | +              |               | mi                | 112        | $\vdash$   | $\dashv$ | +         | t  | H               | $\dashv$ | $\dashv$ | -        |
|          | 13       | Ŭ               |                    | +                | $\dashv$      | <del>    -   -                              </del> |   | $\vdash \vdash \vdash$  | 63            | $\vdash$ | +        | +  | $\vdash$        | $\dashv$        | $\dashv$       |               |                   | 113        | $\vdash$   | $\dashv$ | +         | t  | Н               | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 14       | $\sqcap \vdash$ | ++                 | 11               | _             | <del>    -</del>                                   |   | H   | 64            | $\vdash$ | $\top$   | 1-   | $\vdash$        | ++              | +              |               |                   | 114        | $\vdash$   | +        | +         | t  | H               | $\dashv$ | $^+$     | -        |
| <b>—</b> | 15       | $H^{\dagger}$   | 111                | $\top$           | $\neg$        | <del>                                     </del>   |   | $\vdash \vdash \vdash$  | 65            | $\vdash$ | $\top$   | +  | H               | +               | +-             |               |                   | 115        | $\vdash$   | _        | +         | $\vdash$   |                 | $\dashv$ | $\dashv$ | -        |
|          | 16       | H               |                    | 1                | 1             |  |   | Н   | 66            |          | _        |  | $\vdash$        | ++              | _              |               |                   | 116        | $\vdash$   | $\dashv$ | +         | +-   | Н               | $\vdash$ | +        | $\neg$   |
| $\vdash$ | 17       |                 | <del>     </del>   | +                | $\top$        | <del>  -                                   </del>  |   | H   | 67            | -        | +        | +  | $\vdash$        | ++              | $\dashv$       |               |                   | 117        | <del>                                     </del> | +        | +         | +  | Н               | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 18       |                 | <del>       </del> | $\dashv$         | $\top$        | +-   |   | H   | 68            | $\vdash$ | +-       | +-   | $\vdash$        | ++              | +              |               |                   | 118        | $\dashv$   | _        | +         | ┢  | Н               | -        | $\dashv$ | -        |
|          | 19       | H +             | +                  | 11               | +             | <del>                                     </del>   |   |   | 69            | $\vdash$ |          |  | $\vdash$        | +-+             | _              |               |                   | 119        | $\dashv$   | $\dashv$ | +         | H  | Н               | -        | ┪        | $\dashv$ |
|          | 20       | H - I           | <del>     </del>   | +                |               | <del>                                     </del>   |   | $\vdash$  | 70            | -        | - -      | +-   | $\vdash$        | ++              | +              |               |                   | 120        | -  | +        | +         | <del>                                     </del> | Н               | -        | $\dashv$ | -        |
|          | 21       |                 | ++                 | 11               |               | <del>    -   -   -   -   -   -   -   -   -  </del> |   | -   | 71            | $\vdash$ | +        | +  | $\vdash$        | +               |                |               |                   | 121        | $\dashv$   | +        | +-        | ╁  | Н               | -        | $\dashv$ | $\dashv$ |
|          | 22       |                 | +                  | ╅                |               |  |   |   | 72            | $\vdash$ | +        | +  | $\vdash$        | ++              |                |               |                   | 122        | $\dashv$   | -        | ╁         | -  | Н               | $\dashv$ | $\dashv$ | ᅱ        |
| $\vdash$ | 23       | ╁┼              | +                  | +                | _             | 1  |   |   | 73            | $\vdash$ | +        | +  | $\vdash$        | +               |                |               |                   | 123        |  | $\dashv$ | ╫         | ┢  | Н               | $\dashv$ | $\dashv$ | 긤        |
|          | 24       | ╫╌┼╴            | +                  | +                | _             |  |   |   | 74            | $\dashv$ | +        | ╁┈   | -               | +               |                |               |                   | 124        | $\dashv$   |          | +         | -  | Н               | +        | $\dashv$ | $\dashv$ |
|          | 25       | +               | +                  | +-+              | -             |  |   |   | 75            | $\dashv$ |          | ╁╌   | $\vdash$        | +               | _              |               |                   | 125        |  |          | +         | $\vdash$   | $\vdash$        | -        | 十        | $\dashv$ |
|          | 26       | ᅡ               | ++                 | ++               |               | <del>    -   -  </del>                             |   |   | 76            | $\dashv$ | +-       | 1  | $\vdash$        | ++              |                |               |                   | 126        | $\dashv$   | +        | ╁         | ┝  | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 27       |                 | +                  | +                | +-            |  |   |   | 77            | $\dashv$ | +        | +  | <del>-  -</del> | +               | +              |               | -                 | 127        |  | +        | ╁         | $\vdash$   | $\vdash$        |          | $\dashv$ | ᅱ        |
|          | 28       | 00              | ++-                | ++               | +             |  |   | $\vdash$  | 78            | $\dashv$ | ┰        | +  |                 | ++              | +              |               |                   | 128        | -  | -        | ╁         | ┢  | -               | -        | $\dashv$ | $\dashv$ |
|          | 29       | ŭ               | +                  | <del>     </del> | $\dashv$      | + + -  |   | $\vdash$  | 79            | -        | +        | ╁╌   | H               | +               | +              |               |                   | 129        | $\dashv$   | $\dashv$ | +         | ├  | Н               | +        | $\dashv$ | ᅴ        |
|          | 30       | Ü               | +                  | ++               |               | <del>                                     </del>   |   |   | 80            |          | +-       | +  | $\vdash$        | +               |                |               |                   | 130        | $\dashv$   |          | ┼         | ├  | Н               | +        | -        | $\dashv$ |
|          | 31       | =               |                    | +                | +             | $\vdash$   |   | $\vdash$  | 81            | $\dashv$ | +        | +  | -               | +               | -              |               |                   | 131        |  |          | ╁         | ⊢  | $\vdash$        | +        | $\dashv$ | ᅫ        |
|          | 32       | +               | +-+-               | +-+              | ╫             | <del>                                     </del>   |   |   | 82            | +        | +        | +  |                 | ++              | -              |               |                   | 131        | $\dashv$   |          | ┿         | ├  | $\vdash$        | $\dashv$ | +        | $\dashv$ |
|          | 33       | ++              | + +-               | +                |               |  |   |   | 83            | _        | +        | +  | -+              | ++              |                |               | _                 | 132<br>133 | $\dashv$   | +        | ╁         | $\vdash$   | $\vdash$        |          | $\dashv$ | $\dashv$ |
|          | 34       | -               | ++                 | +-+              | +-            | <del>                                     </del>   |   |   | 84            |          | +        | +-   | $\vdash$        | +               | +              |               |                   | 134        | $\dashv$   | +        | ┼         | $\vdash$   | $\vdash$        | +        | $\dashv$ | $\dashv$ |
|          | 35       | ++              | +-+                | + +              | +             | <del>     </del>                                   |   | ├   | 85            | -        | +        | +-1  | -+              | <del></del>     | +              |               |                   | 135        | -+   | +        | ╁         | -  | $\vdash$        | +        | $\dashv$ | 닉        |
|          | 36       | +-              | ++                 | +-+              | +             | ++   |   | <del>  </del>   | 86            | +        | +        | +-+  |                 | $\dashv$        | $\dashv$       |               |                   | 136        | $\dashv$   | +        | +         | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |
| $\dashv$ | 37       | =               | ++                 | ++               |               | $\vdash$   |   | $\vdash \!$ | 87            | +        | +        | ╂╼┥  | $\vdash$        | ++              | +              |               |                   | 135        | $\dashv$   |          | +         | <u> </u>   | $\vdash \dashv$ | +        | $\dashv$ | $\dashv$ |
|          | 38       | <del>u</del>    | +                  | ++               | $\dashv$      | +  |   | $\vdash \dashv$   | 88            | $\dashv$ | +-       | +  |                 | ++              |                |               |                   | 13/        | _  | -        | +         | -  | $\dashv$        | +        | -+       | 긕        |
|          | 39       | u               | +-                 | +                | +             | ++-  |   |   | 89            | -+       | +        | +  | $\vdash$        | ++              |                |               |                   | 138        |  |          | -         | <del>                                     </del> | $\vdash \vdash$ | -        | $\dashv$ | 4        |
|          | 40       | 7               | ++-                | ++               | -             | ╂╌┼╌┤  |   |   | 90            | +        | +-       | +  | $\vdash$        | $\dashv$        |                |               |                   | 139<br>140 | -  |          | $\vdash$  | H  | $\dashv$        | +        | +        | 4        |
|          | 41       | 뒤               | +-+                | ++               | $\dashv$      | $\vdash$   |   |   | $\overline{}$ | -+       | +        | 11   | $\vdash$        | ++              | +              |               |                   |            | $\dashv$   | +        | ⊢         | -  |                 | +        | $\dashv$ | -        |
|          | 41       | <u>ପ</u><br>ଠ   | ++                 | ++               | -             | $\vdash\vdash\vdash$                               |   |   | 91<br>92      | +        | +        | +  |                 | +-+             |                |               |                   | 141        | $\dashv$   |          |           | $\vdash$   | $\vdash$        | +        | $\dashv$ | $\dashv$ |
|          | 43       | Ü               | +                  | +-+              |               | $\vdash$   |   |   | 93            | +        | +        | +  | -+              | +               | $\dashv$       |               | $\longrightarrow$ | 142        | $\dashv$   |          |           | $\vdash$   | $\vdash$        | +        | 4        | ᅴ        |
|          |          | 7               | ++                 | ++               | -             | $\vdash$   |   | -   |               | -        | +-       | +  | -+              | ++              | +              |               |                   | 143        | $\dashv$   |          | ╁         | $\vdash$   | $\Box$          | +        | $\dashv$ | 4        |
|          | 44       | 半               | ++                 | ++               | +             | ╂═┼╶┤  |   |   | 94<br>95      | -        | +        | +  | -               | +-+             |                |               |                   | 144        | $\dashv$   | - -      |           | Н  | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 46       | 7               | +                  | ++               | -             | $\vdash\vdash\vdash\vdash$                         |   |   |               | +        | +        | ╁┤   | -               | ++              | +              |               |                   | 145        | -  |          | ╄         | Н  |                 | $\dashv$ | -        | $\dashv$ |
|          | 47       | ++-             | +                  | ++               | +             | <del>├</del> ─┤─┤                                  |   |   | 96            | +        | +-       | +  | +               | +               | $\dashv\dashv$ |               |                   | 146        | _  | -        | ⊢         |  |                 | $\dashv$ | $\dashv$ | _        |
|          | 47       | ++              | ++                 | +                | +             | $\vdash$   |   | $\rightarrow$   | 97            | +        |          | $\vdash$   | -+              | ++              | $\dashv$       | :::: <b>,</b> |                   | 147        | _  | +        | $\vdash$  | $\sqcup$   |                 | $\dashv$ | $\dashv$ | 4        |
|          |          | +               | ++                 | ╂┼               |               | $\vdash$   |   |   | 98            | +        | +-       | 1-1  | $\perp$         | +               | 44             |               |                   | 148        |  | +        | ـــ       | <b>[</b> ]                                       | _               | $\dashv$ | _        | _        |
|          | 49       | 븝               | +                  | +                | +             | ╁╌╂╌┦  |   |   | 99            | -        | -        | +  | -               | +               | $\dashv$       |               |                   | 149        | _  | $\perp$  | ╙         | Ш  | $\dashv$        | $\dashv$ | $\dashv$ | _        |
|          | 50       |                 |                    | _L_L             |               | لللل   | [ |   | 100           |          |          |  |                 |                 |                | ::::[         |                   | 150        |  |          | 1.        | ıl   |                 |          |          | - 1      |